

## Goat anti-MAT2B (isoform 1) Antibody

Item Number	dAP-2651
Target Molecule	Principle Name: MAT2B (isoform 1); Official Symbol: MAT2B; All Names and Symbols: MAT2B; methionine adenosyltransferase II, beta; MAT-II; MATIbeta; MGC12237; Nbla02999; SDR23E1; TGR; MAT II beta; OTTHUMP00000160916; OTTHUMP00000160917; OTTHUMP00000224275; OTTHUMP00000224294; beta regulatory subunit of methionine adenosyltransferase; d; Accession Number (s): NP_037415.1; Human Gene ID(s): 27430; Non-Human GenelD(s): 108645 (mouse) 683630 (rat)
Immunogen	REKELSIHFVPGS, is from N Terminus This antibody is expected to recognize reported isoform 1 (NP_037415.1) only.
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 37kDa band observed in Human Thymus, Tonsil and Spleen lysates (calculated MW of 37.6kDa according to NP_037415.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): LeGros HL Jr, Halim AB, Geller AM, Kotb M. Cloning, expression, and functional characterization of the beta regulatory subunit of human methionine adenosyltransferase (MAT II). J Biol Chem. 2000 Jan 28;275(4):2359-66.. PMID: 10644686->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**